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PA - (ITEC-N) I TEC TECHNOLOGIES LTD
PN - KR2003026507 A 20030403 DW200352 G02F2/00 001pp
PR - KR20010059516 20010926
XIC - G02F-002/00
AB - KR2003026507 NOVELTY - An Ethernet media converter module having a wavelength division multiplexing characteristic is provided to realize a bidirectional communication by using a WBM(WDM Bidirectional Module), thereby efficiently using a system.
- DETAILED DESCRIPTION - RJ45 jacks(24a,24b) make external electric signals input to an Ethernet module, realizing a function of MDI(Media Dependent Interface)/MDIX(Media Dependent Interface eXchange) in circuit, so that a user cables a UTP(Unshielded Twisted Pair) without cross cables. Data format converters(26a,26b) convert the external electric signals inputted from the RJ45 jacks into optical signals or convert the optical signals inputted from optical transceivers(28a,28b) to the electric signals. The optical transceivers transmit the optical signals converted by the data format converters to a receiving part at high speed. WDM(Wavelength Division Multiplexing) couplers(30a,30b) divide wavelength inputted for up and down communications with one optical fiber.
- (Dwg.1/10)
IW - MEDIUM CONVERTER MODULE WAVELENGTH DIVIDE MULTIPLEX CHARACTERISTIC
IKW - MEDIUM CONVERTER MODULE WAVELENGTH DIVIDE MULTIPLEX CHARACTERISTIC
INW - HUH Y U; KIM S H; SONG I S
NC - 001
OPD - 2001-09-26
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PAW - (ITEC-N) I TEC TECHNOLOGIES LTD
TI - Ethernet media converter module having wavelength division multiplexing characteristic